

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/568,764
Source: IFWP
Date Processed by STIC: 2/28/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/568,764

CRF Edit Date: 3/2/06
Edited by: JW

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

 
Deleted: _____ invalid beginning/end-of-file text ; _____ page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,764

DATE: 03/02/2006
TIME: 16:37:10

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\03022006\J568764.raw

3 <110> APPLICANT: Bayer AG, BHC
 5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Kallikrein 11
 6 (KLK11)
 8 <130> FILE REFERENCE: Le A 36 873
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/568,764
 C--> 10 <141> CURRENT FILING DATE: 2006-02-21
 10 <160> NUMBER OF SEQ ID NOS: 5
 12 <170> SOFTWARE: PatentIn version 3.1
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 753
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Homo sapiens
 19 <400> SEQUENCE: 1
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 21 aggcattca aggggttcga gtgcaagcct cactccagc cctggcaggc agccctgttc 120
 22 gagaagacgc ggctactctg tggggcgacg ctcatcgccc ccagatggct cctgacagca 180
 23 gcccactgcc tcaagccccg ctacatagtt cacctggggc agcacaacct ccagaaggag 240
 24 gagggctgtg agcagaccccg gacagccact gagtcctcc cccaccccg cttcaacaac 300
 25 agcctccccca acaaagacca ccgcaatgac atcatgctgg tgaagatggc atcgccagtc 360
 26 tccatcacct gggctgtcg acccctcacc ctctccctcac gctgtgtcac tgctggcacc 420
 27 agctgcctca ttcccgctg gggcagcagc tccagccccc agttacgcct gcctcacacc 480
 28 ttgcgatgcg ccaacatcac catcatttag caccagaagt gtgagaacgc ctaccccgcc 540
 29 aacatcacag acaccatggt gtgtgccage gtgcaggaag gggcaagga ctccgtccag 600
 30 ggtgactccg gggccctct ggtctgtaac cagtctttc aaggcattat ctccctggggc 660
 31 cagatccgt gtgcgatcac ccgaaagcct ggtgtctaca cgaaagtctg caaatatgtg 720
 32 gactggatcc aggagacgt gaagaacaat tag 753
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 250
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Homo sapiens
 39 <400> SEQUENCE: 2
 40 Met Arg Ile Leu Gln Leu Ile Leu Leu Ala Leu Ala Thr Gly Leu Val
 41 1 5 10 15
 42 Gly Gly Glu Thr Arg Ile Ile Lys Gly Phe Glu Cys Lys Pro His Ser
 43 20 25 30
 44 Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly
 45 35 40 45
 46 Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr Ala Ala His Cys Leu
 47 50 55 60
 48 Lys Pro Arg Tyr Ile Val His Leu Gly Gln His Asn Leu Gln Lys Glu
 49 65 70 75 80
 50 Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu Ser Phe Pro His Pro
 51 85 90 95

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PATENT APPLICATION: US/10/568,764

DATE: 03/02/2006
TIME: 16:37:10

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\03022006\J568764.raw

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52 Gly Phe Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met
53          100           105           110
54 Leu Val Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro
55          115           120           125
56 Leu Thr Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile
57          130           135           140
58 Ser Gly Trp Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr
59 145          150           155           160
60 Leu Arg Cys Ala Asn Ile Thr Ile Ile Glu His Gln Lys Cys Glu Asn
61          165           170           175
62 Ala Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln
63          180           185           190
64 Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val
65          195           200           205
66 Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp Pro Cys
67          210           215           220
68 Ala Ile Thr Arg Lys Pro Gly Val Tyr Thr Lys Val Cys Lys Tyr Val
69 225          230           235           240
70 Asp Trp Ile Gln Glu Thr Met Lys Asn Asn
71          245           250
73 <210> SEQ ID NO: 3
74 <211> LENGTH: 20
75 <212> TYPE: DNA
76 <213> ORGANISM: artificial sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: forward primer
81 <400> SEQUENCE: 3
82 ggatccagga gacgatgaag
84 <210> SEQ ID NO: 4
85 <211> LENGTH: 20
86 <212> TYPE: DNA
87 <213> ORGANISM: artificial sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: reverse primer
92 <400> SEQUENCE: 4
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95 <210> SEQ ID NO: 5
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: artificial sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: probe
103 <400> SEQUENCE: 5
104 tagactggac ccaccacca cagc

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20

20

24

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/568,764

DATE: 03/02/2006

TIME: 16:37:11

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568764.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,764

DATE: 02/28/2006
TIME: 13:54:40

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02282006\J568764.raw

3 <110> APPLICANT: Bayer AG, BHC
 5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Kallikrein 11
 6 (KLK11)
 8 <130> FILE REFERENCE: Le A 36 873
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/568,764
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 15 <211> LENGTH: 753
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Homo sapiens
 19 <400> SEQUENCE: 1
 20 atgaggattc tgcagttaat cctgcttgct ctggcaacag ggctttagg gggagagacc 60
 21 aggatcatca aggggttcga gtgcaagcct cactcccagc cctggcaggc agccctgttc 120
 22 gagaagacgc ggctactctg tggggcgacg ctcatcgccc ccagatggct cctgacagca 180
 23 gcccactgcc tcaagccccg ctacatagtt cacctggggc agcacaacct ccagaaggag 240
 24 gagggctgtg agcagacccg gacagccact gagtccttcc cccacccccc cttcaacaac 300
 25 agcctccccca acaaagacca cccaaatgac atcatgtgg tgaagatggc atcgccagtc 360
 26 tccatcacct gggctgtcg acccctcacc ctctcctcac gctgtgtcac tgctggcacc 420
 27 agctgcctca ttccggctg gggcagcagc tccagcccc agttacgcct gcctcacacc 480
 28 ttgcgatgctg ccaacatcac catcatttag caccagaagt gtgagaacgc ctacccggc 540
 29 aacatcacag acaccatggt gtgtgccagc gtgcaggaag gggcaagga ctccctggccag 600
 30 ggtgactccg gggccctct ggtctgtaac cagtccttc aaggcattat ctccctggggc 660
 31 caggatccgt gtgcgatcac ccgaaagcct ggtgtctaca cggaaagtctg caaatatgtg 720
 32 gactggatcc aggagacgt gaagaacaat tag 753
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 250
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Homo sapiens
 39 <400> SEQUENCE: 2
 40 Met Arg Ile Leu Gln Leu Ile Leu Leu Ala Leu Ala Thr Gly Leu Val
 41 1 5 10 15
 42 Gly Gly Glu Thr Arg Ile Ile Lys Gly Phe Glu Cys Lys Pro His Ser
 43 20 25 30
 44 Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly
 45 35 40 45
 46 Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr Ala Ala His Cys Leu
 47 50 55 60
 48 Lys Pro Arg Tyr Ile Val His Leu Gly Gln His Asn Leu Gln Lys Glu
 49 65 70 75 80
 50 Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu Ser Phe Pro His Pro
 51 85 90 95

**Does Not Comply
Corrected Diskette Needed**

P.2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,764

DATE: 02/28/2006
TIME: 13:54:40

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02282006\J568764.raw

52 Gly Phe Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met
53 100 105 110
54 Leu Val Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro
55 115 120 125
56 Leu Thr Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile
57 130 135 140
58 Ser Gly Trp Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr
59 145 150 155 160
60 Leu Arg Cys Ala Asn Ile Thr Ile Ile Glu His Gln Lys Cys Glu Asn
61 165 170 175
62 Ala Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln
63 180 185 190
64 Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val
65 195 200 205
66 Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp Pro Cys
67 210 215 220
68 Ala Ile Thr Arg Lys Pro Gly Val Tyr Thr Lys Val Cys Lys Tyr Val
69 225 230 235 240
70 Asp Tyr Ile Gln Glu Thr Met Lys Asn Asn
71 245 250
73 <210> SEQ ID NO: 3
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81 <400> SEQUENCE: 3
82 ggatccagga gacgatgaag 20
84 <210> SEQ ID NO: 4
85 <211> LENGTH: 20
86 <212> TYPE: DNA
87 <213> ORGANISM: artificial sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: reverse primer
92 <400> SEQUENCE: 4
93 agtggaaatg gagggtgatg 20
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: artificial sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: probe
103 <400> SEQUENCE: 5
104 tagactggac ccaccacca cagc 24
W--> 106 Le A 36 873-Foreign Countries
W--> 109 - 2 -
W--> 113 Le A 36 873-Foreign Countries
W--> 116 - 1 -

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/568,764

DATE: 02/28/2006

TIME: 13:54:42

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02282006\J568764.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:106 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:109 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:113 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:116 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5